

REMARKS/ARGUMENTS

Reexamination of the captioned application is respectfully requested.

A. SUMMARY OF THIS AMENDMENT

By the current amendment, Applicants basically:

1. Add new independent method claim 34 and new dependent claims 35 and 36 dependent thereon.
2. Add new independent apparatus claim 37 and new dependent claim 38 dependent thereon.
3. Amend either dependencies or editorial matters in each of claims 1, 4, 8 – 12, 15, 19, 22 – 23, 25 – 26, 28, 31 – 33.
4. Cancel claims 5 – 7, 14, and 24 without prejudice or disclaimer.
5. Respectfully traverse all prior art rejections.

B. THE NEW CLAIMS

New independent method claim 34 includes steps described, e.g., at the top of page 15 of the specification. New dependent claim 35 is supported, e.g., by page 15, lines 16 – 19 of the specification. New dependent claim 36 is supported, e.g., by original independent claim 1. New independent apparatus claim 37 are apparatus analogs of new claims 34 and 38.

C. PATENTABILITY OF THE CLAIMS

Claims 1-5, 7, 8, 12, 15, 18-19 and 31-33 stand rejected under 35 USC 103(a) as being unpatentable over U.S. Patent 5,966,657 to Sporre in view of U.S. Patent 6,754,509 to Khan et al. Claims 6, 14 and 28 stand rejected under 35 USC §103(a) as being unpatentable over U.S. Patent 5,966,657 to Sporre and U.S. Patent 6,754,509 to Khan in view of Applicants' Admitted Prior Art. Claim 10 stands rejected under 35 USC §103(a) as being unpatentable over U.S. Patent 5,966,657 to Sporre and U.S. Patent 6,754,509 to

Khan in view of U.S. Patent 6,594,250 to Silventoinen et al. Claim 11 stands rejected under 35 USC §103(a) as being unpatentable over U.S. Patent 5,966,657 to Sporre and U.S. Patent 6,754,509 to Khan in view of U.S. Patent 5,583,870 to Delprat et al. Claims 13 and 27 stand rejected under 35 USC §103(a) as being unpatentable over U.S. Patent 5,966,657 to Sporre and U.S. Patent 6,754,509 to Khan in view of U.S. Patent 5,966,657 to Kansakoski et al. Claims 9 and 25 stand rejected under 35 USC §103(a) as being unpatentable over U.S. Patent 5,966,657 to Sporre and U.S. Patent 6,754,509 to Khan in view of U.S. Patent 6,690,751 to Nikula et al. Claims 16, 17, 29 and 30 stand rejected under 35 USC §103(a) as being unpatentable over U.S. Patent 5,966,657 to Sporre and U.S. Patent 6,754,509 to Khan in view of U.S. Patent 6,125,125 to Narasimha et al. All prior art rejections are respectfully traversed for at least the following reasons.

U.S. Patent 5,966,657 to Sporre does not teach, among other limitations of Applicants' claims, (3) estimating a training sequence based on a signal burst and identifying a target base station from which the signal burst was received by using the training sequence.

The office action appears to intimate that Sporre's time slot 0 is a training sequence. Not so. It so happens in GSM that the base station identity code (BSIC) is carried in slot 0 of the BCCH carrier (*see*, e.g., col. 4, lines 11 – 21 and col. 11, lines 38 – 40). The import of the Sporre col. 11 passage cited in the office action is that, because of lack of synchronization, the location of slot 0 of the BCCH carrier may not in all cases be immediately ascertainable. For that reason Sporre measures over an enlarged window "of at least eight time slots to be sure that time slot 0 will occur during the measurement".

All Sporre says about time slot 0 is that it is included in the BSIC. Sporre does not teach that time slot 0 includes a training sequence. Sporre locates the BSIC by expanding the measurement window. This is not the same, nor does it suggest, inserting a training

sequence in a signal burst and using the detected training sequence to derive or discern a base station identity.

Accordingly, independent claims 34 and 37 are not taught or suggested by U.S. Patent 5,966,657 to Sporre. All claims are dependent upon either independent claim 34 and 37, and therefore all claims are deemed allowable.

D. MISCELLANEOUS

In view of the foregoing and other considerations, all claims are deemed in condition for allowance. A formal indication of allowability is earnestly solicited.

The Commissioner is authorized to charge the undersigned's deposit account #14-1140 in whatever amount is necessary for entry of these papers and the continued pendency of the captioned application.

Should the Examiner feel that an interview with the undersigned would facilitate allowance of this application, the Examiner is encouraged to contact the undersigned.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: /H. Warren Burnam, Jr./

H. Warren Burnam, Jr.
Reg. No. 29,366

HWB:lsb
901 North Glebe Road, 11th Floor
Arlington, VA 22203-1808
Telephone: (703) 816-4000
Facsimile: (703) 816-4100